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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/913,351

DATE: 02/06/2002
TIME: 18:44:54

Input Set : A:\618jpb75.app
Output Set: N:\CRF3\02062002\I913351.raw

3 <110> APPLICANT: DELGADO, AURORA BRIEVA
4 VILLARRUBIA, VINCENTE GARCIA
5 GOMEZ-PAMO, ANTONIO GUERRERO
6 RANIERI, JUAN PABLO PIVEL
7 GALLEGO, GUILLERMO GIMENEZ
8 TUDURI, JOSE ANTONIO MATJI
10 <120> TITLE OF INVENTION: PHARMACOLOGICALLY ACTIVE POLYPEPTIDE GLYCOCONJUGATES.
12 <130> FILE REFERENCE: 618999-1/JP/B-4275 PCT
14 <140> CURRENT APPLICATION NUMBER: 09/913,351
15 <141> CURRENT FILING DATE: 1999-10-21
17 <150> PRIOR APPLICATION NUMBER: PCT/ES99/00338
18 <151> PRIOR FILING DATE: 1999-10-21
20 <150> PRIOR APPLICATION NUMBER: ES P9900408
21 <151> PRIOR FILING DATE: 1999-02-26
23 <160> NUMBER OF SEQ ID NOS: 5
25 <170> SOFTWARE: PatentIn Ver. 2.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 230
29 <212> TYPE: PRT
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Description of Artificial Sequence: Formula
34 sequence
36 <220> FEATURE:
37 <221> NAME/KEY: MOD_RES
38 <222> LOCATION: (1)..(48)
39 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
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42 <220> FEATURE:
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44 <222> LOCATION: (50)..(62)
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51 <223> OTHER INFORMATION: Gln, Glu, Arg or Lys
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55 <222> LOCATION: (65)
56 <223> OTHER INFORMATION: Variable amino acid
58 <220> FEATURE:
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61 <223> OTHER INFORMATION: Hydrophobic amino acid
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65 <222> LOCATION: (67)
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70 <222> LOCATION: (68)..(106)
71 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
72 15-39 amino acids
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75 <221> NAME/KEY: MOD_RES
76 <222> LOCATION: (109)
77 <223> OTHER INFORMATION: Hydrophobic amino acid ← ?
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81 <222> LOCATION: (110)
82 <223> OTHER INFORMATION: Gln, Glu or His
84 <220> FEATURE:
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86 <222> LOCATION: (111)
87 <223> OTHER INFORMATION: Leu or Val
89 <220> FEATURE:
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91 <222> LOCATION: (112)..(117)
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106 <222> LOCATION: (123)
107 <223> OTHER INFORMATION: Leu or Ile
109 <220> FEATURE:
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113 13-56 amino acids
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117 <222> LOCATION: (181)..(206)
118 <223> OTHER INFORMATION: Variable amino acid; this Xaa range may encompass
119 15-26 amino acids

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 124 <223> OTHER INFORMATION: Variable amino acid
 126 <220> FEATURE:
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 128 <222> LOCATION: (209)
 129 <223> OTHER INFORMATION: Val, Ile, Leu or Met
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 W--> 147 Xaa
 148 20 25 30
 W--> 150 Xaa
 151 35 40 45
 W--> 153 Cys Xaa Cys Xaa
 154 50 55 60 63 64
 W--> 156 Xaa
 157 65 66 67 68 70 75 80
 W--> 159 Xaa
 160 85 90 95
 W--> 162 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Cys Xaa Xaa Xaa Xaa
 163 100 105 107 108 109 110
 W--> 165 Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 166 115 118 120 125
 W--> 168 Xaa
 169 130 135 140
 W--> 171 Xaa
 172 145 150 155 160
 W--> 174 Xaa
 175 165 170 175
 W--> 177 Xaa Xaa Xaa Gly Xaa
 178 179 180 185 190
 W--> 180 Xaa Cys Xaa
 181 195 200 205
 W--> 183 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
 184 210 215 218 220
 W--> 186 Xaa Xaa Xaa Xaa Xaa
 187 225 230

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190 <210> SEQ ID NO: 2
191 <211> LENGTH: 37
192 <212> TYPE: PRT
193 <213> ORGANISM: Ricinus communis
195 <400> SEQUENCE: 2
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197 1 5 10 15
199 Glu Val Gln Arg Lys Asp Leu Ser Ser Cys Glu Arg Tyr Leu Arg Gln
200 20 25 30
202 Ser Ser Ser Arg Arg
203 35
206 <210> SEQ ID NO: 3
207 <211> LENGTH: 68
208 <212> TYPE: PRT
209 <213> ORGANISM: Ricinus communis
211 <400> SEQUENCE: 3
212 Gln Gln Gln Glu Ser Gln Gln Leu Gln Gln Cys Cys Asn Gln Val Lys
213 1 5 10 15
215 Gln Val Arg Asp Glu Cys Gln Cys Glu Ala Ile Lys Tyr Ile Ala Glu
216 20 25 30
218 Asp Gln Ile Gln Gln Gly Gln Leu His Gly Glu Glu Ser Glu Arg Val
219 35 40 45
221 Ala Gln Arg Ala Gly Glu Ile Val Ser Ser Cys Gly Val Arg Cys Met
222 50 55 60
224 Arg Gln Thr Arg
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229 <211> LENGTH: 34
230 <212> TYPE: PRT
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233 <400> SEQUENCE: 4
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237 Arg Gln Cys Gln Glu Tyr Ile Lys Gln Gln Val Ser Gly Gln Gly Pro
238 20 25 30
240 Arg Arg
244 <210> SEQ ID NO: 5
245 <211> LENGTH: 65
246 <212> TYPE: PRT
247 <213> ORGANISM: Ricinus communis
249 <400> SEQUENCE: 5
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251 1 5 10 15
253 Ser Gln Cys Arg Cys Glu Gly Leu Arg Gln Ala Ile Glu Gln Gln Gln
254 20 25 30
256 Ser Gln Gly Gln Leu Gln Gly Gln Asp Val Phe Glu Ala Phe Arg Thr
257 35 40 45
259 Ala Ala Asn Leu Pro Ser Met Cys Gly Val Ser Pro Thr Glu Cys Arg
260 50 55 60

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263 65

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Input Set : A:\618jpb75.app
Output Set: N:\CRF3\02062002\I913351.raw

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L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1